
REFERENCES

- Aller, L., T. Bennett, J.H. Lehr, R.J. Petty, and G. Hackett. 1987. *DRASTIC: A Standardized System for Evaluating Ground Water Pollution Potential Using Hydrogeologic Settings*. Prepared for U.S. EPA, Office of Research and Development, Ada, OK. National Water Well Association, Dublin, OH. EPA-600/2-87-035.
- American National Standards Institute/American Society for Quality Control. 1994. *Specifications and Guidelines for Quality Systems for Environmental Data Collection and Environmental Technology Programs*. American Society for Quality Control, Milwaukee, WI. ANSI/ASQC E4-1994.
- American Society for Testing Materials. 1995. Annual Book of ASTM Standards. Volume 4.08. *Soil and Rock Building Stones*. Philadelphia, PA.
- Argonne National Laboratory. 1993. *Manual for Implementing Residual Radioactive Materials Guidelines Using RESRAD, Version 5.0*, Argonne National Laboratory, Argonne, IL. ANL/EAD/LD-2.
- Calabrese, E.J., H. Pastides, R. Barnes, et al. 1989. How much soil do young children ingest: an epidemiologic study. *Petroleum Contaminated Soils*, Vol. 2. E.J. Calabrese and P.T. Kosteci, eds. pp. 363-417. Lewis Publishers, Chelsea, MI.
- Cowherd, C., G. Muleski, P. Engelhart, and D. Gillette. 1985. *Rapid Assessment of Exposure to Particulate Emissions from Surface Contamination*. Prepared for U.S. EPA, Office of Health and Environmental Assessment, Washington, DC. EPA/600/8-85/002. NTIS PB85-192219 7AS.
- Davis, S., P. Waller, R. Buschom, J. Ballou, and P. White. 1990. Quantitative estimates of soil ingestion in normal children between the ages of 2 and 7 years: population-based estimates using Al, Si, and Ti as soil tracer elements. *Arch. Environ. Health* 45:112-122
- Gee, G.W., and J.W. Bauder. 1986. Particle size analysis. A. Klute (ed.), *Methods of Soil Analysis. Part 1. Physical and Mineralogical Methods. 2nd Edition*, 9(1):383-411, American Society of Agronomy, Madison, WI.
- McLean, E.O. 1982. Soil pH and lime requirement. In: A.L. Page (ed.), *Methods of Soil Analysis. Part 2. Chemical and Microbiological Properties. 2nd Edition*, 9(2):199-224, American Society of Agronomy, Madison, WI.
- Newell, C.J., L.P. Hopkins, and P.B. Bedient. 1990. A hydrogeologic database for ground water modeling. *Ground Water* 28(5):703-714.
- SC&A (S. Cohen & Associates). 1994. *Root Uptake, Models, Plant Physiology, and Estimates for Plant Accumulation of Radionuclide Contaminants from Soils*. Contract No. 68D20155. Prepared for Office of Radiation and Indoor Air, Washington, DC.
- Schroeder, P.R., A.C. Gibson, and M.D. Smolen. 1984. *Hydrological Evaluation of Landfill Performance (HELP) Model; Volume 2: Documentation for Version 1*. EPA/530-SW-84-010. Office of Research and Development, U.S. EPA, Cincinnati, OH. NTIS PB85-100832.
- Sheppard, M.I. and D.H. Thibault, 1990. Default soil solid/liquid partition coefficients, K_d s, for four major soil types: a compendium. *Health Physics* 59(4):471-482.
- U.S. DOC. 1963. *Maximum Permissible Body Burdens and Maximum Permissible Concentration of Radionuclides in Air or Water for Occupational Exposure*, U.S. Department of Commerce, Washington, DC. NBS Handbook 69, as amended.
- U.S. EPA. 1976. *National Interim Primary Drinking Water Regulations*, Office of Water Supply, EPA-570/9-76-003.
- U.S. EPA. 1989a. *Risk Assessment Guidance for*

- Superfund (RAGS): Volume 1: Human Health Evaluation Manual (HHEM), Part A, Interim Final.* Office of Emergency and Remedial Response, Washington, DC. EPA/540/1-89/002. Directive 9285.7-02B. NTIS PB90-155581.
- U.S. EPA. 1989b. *Stabilization/Solidification of CERCLA and RCRA Wastes.* EPA/625/6-89/022.
- U.S. EPA. 1989c. *Guidance for Conducting Remedial Investigations and Feasibility Studies under CERCLA.* Office of Emergency and Remedial Response, Washington, DC. EPA/540/G-89/004. OSWER Directive 9355.3-01. NTIS PB89-184626.
- U.S. EPA. 1990a. *Suggested ROD Language for Various Ground Water Remediation Options.* Office of Emergency and Remedial Response, Washington, DC. Directive 9283.1-03. NTIS PB91-921325/CCE.
- U.S. EPA 1990b. *A Rationale for the Assessment of Errors in the Sampling of Soils.* Environmental Monitoring Systems Laboratory, Office of Research and Development, Las Vegas, NV. EPA/600/4-90/013. NTIS PB90-242306.
- U.S. EPA. 1991a. *Human Health Evaluation Manual (HHEM), Supplemental Guidance: Standard Default Exposure Factors.* Office of Emergency and Remedial Response, Washington, DC. Publication 9285.6-03. NTIS PB91-921314.
- U.S. EPA. 1991b. *Leachability Phenomena. Recommendations and Rationale for Analysis of Contaminant Release by the Environmental Engineering Committee.* Science Advisory Board, Washington, DC. EPA-SAB-EEC-92-003.
- U.S. EPA. 1991c. *Risk Assessment Guidance for Superfund (RAGS), Volume 1: Human Health Evaluation Manual (HHEM), Part B, Development of Risk-Based Preliminary Remediation Goals.* Office of Emergency and Remedial Response, Washington, DC. Publication 9285.7-01B. EPA/540/R-92/003. NTIS PB92-963333.
- U.S. EPA. 1991d. *Role of the Baseline Risk Assessment in Superfund Remedy Selection Decisions.* Office of Emergency and Remedial Response, Washington, DC. Publication 9355.0-30. NTIS PB91-921359/CCE.
- U.S. EPA, 1991e. *Description and Sampling of Contaminated Soils: A Field Pocket Guide.* Office of Environmental Research Information, Cincinnati, OH. EPA/625/12-91/002.
- U.S. EPA. 1992a. *Considerations in Ground-Water Remediation at Superfund Sites and RCRA Facilities—Update.* Office of Emergency and Remedial Response, Washington, DC. Directive 9283.1-06. NTIS PB91-238584/CCE.
- U.S. EPA. 1992b. *Estimating Potential for Occurrence of DNAPL at Superfund Sites.* Office of Emergency and Remedial Response, Washington, DC. Publication 9355.4-07FS. NTIS PB92-963338.
- U.S. EPA. 1992c. *Supplemental Guidance to RAGS; Calculating the Concentration Term.* Volume 1, Number 1, Office of Emergency and Remedial Response, Washington, DC. NTIS PE92-963373
- U.S. EPA. 1992d. *Preparation of Soil Sampling Protocols: Sampling Techniques and Strategies.* Office of Research and Development, Washington, DC. EPA/600/SR-92/128.
- U.S. EPA. 1993a. *Data Quality Objectives for Superfund: Interim Final Guidance.* Publication 9255.9-01. Office of Emergency and Remedial Response, Washington, DC. Directive 9355.9-01. EPA 540-R-93-071. NTIS PB94-963203.
- U.S. EPA. 1993b. *Guidance for Evaluating Technical Impracticability of Ground-Water Restoration.* EPA/540-R-93-080. Office of Emergency and Remedial Response, Washington, DC. Directive 9234.2-25.
- U.S. EPA. 1993c. *Quality Assurance for Superfund Environmental Data Collection Activities.* Quick Reference Fact Sheet. Office of Emergency and Remedial Response, Washington, DC. Directive 9200.2-16FS. NTIS PB93-963273.

- U.S. EPA, 1993d. *Subsurface Characterization and Monitoring Techniques: A Desk Reference Guide. Vol. I & II*. Environmental Monitoring Systems Laboratory, Office of Research and Development, Las Vegas, NV. EPA/625/R-93/003a. NTIS PB94-131497.
- U.S. EPA. 1994a. *Radon Mitigation Standards*. Office of Air and Radiation, Washington, DC. EPA 402-R-93-078.
- U.S. EPA. 1994b. *Guidance for the Data Quality Objectives Process*. Quality Assurance Management Staff, Office of Research and Development, Washington, DC. EPA QA/G-4.
- U.S. EPA. 1994c. *Methods for Evaluating the Attainment of Cleanup Standards—Volume 3: Reference-Based Standards for Soils and Solid Media*. Environmental Statistics and Information Division, Office of Policy, Planning, and Evaluation, Washington, DC. EPA 230-R-94-004.
- U.S. EPA. 1994d. *Radiation Site Cleanup Regulations: Technical Support Document for the Development of Radiation Cleanup Levels for Soil - Review Draft*. Office of Air and Radiation, Washington, DC. EPA 402-R-96-011A.
- U.S. EPA. 1994e. *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods (SW-846)*, Third Edition, Revision 2. Washington, DC.
- U.S. EPA. 1995a. Health Effects Assessment Summary Tables (HEAST): Annual Update, FY1993. Environmental Criteria and Assessment Office, Office of Health and Environmental Assessment, Office of Research and Development, Cincinnati, OH. EPA/540/R-95/036.
- U.S. EPA. 1995b. Integrated Risk Information System (IRIS). Cincinnati, OH.
- U.S. EPA. 1995c. *Drinking Water Regulations and Health Advisories*. Office of Water, Washington, DC. EPA/822/R-95/001
- U.S. EPA. 1996a. *Soil Screening Guidance: User's Guide*. Office of Emergency and Remedial Response, Washington, DC. Directive 9355.4-23.
- EPA/540/R-96/018. NTIS PB96-9635505.
- U.S. EPA. 1996b. *Soil Screening Guidance: Technical Background Document*. Office of Emergency and Remedial Response, Washington, DC. Directive 9355.4-17A. EPA/540/R95/128.
- U.S. EPA. 1997a. *Exposure Factors Handbook*. Office of Research and Development, Washington, DC. EPA/600/P-95/002Fa.
- U.S. EPA. 1997b. *Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM)*. Office of Radiation and Indoor Air, Washington, DC. EPA 402-R-97-016.
- U.S. EPA. 1997c. *Establishment of Cleanup Levels for CERCLA Sites with Radioactive Contamination*. Office of Emergency and Remedial Response, Washington, DC. OSWER Directive 9200.4-18. EPA/540/7-97/003, NTIS PB97-963210.
- U.S. EPA. 1998a. *Use of Cleanup Criteria in 40 CFR 192 as Remediation Goals for CERCLA Sites*. OSWER Directive 9200.4-25. Office of Emergency and Remedial Response, Washington, DC.
- U.S. EPA 1998b. *Uranium Issues Workshop*. Washington, DC. June 23-24, 1998.
- U.S. EPA. 1999a. *Health Risks from Low-Level Environmental Exposure to Radionuclides, Federal Guidance Report No. 13.*, Office of Radiation and Indoor Air, Washington, DC. EPA 402-R-90-001.
- U.S. EPA. 1999b, *Understanding Variation in Partition Coefficient, K_d Values, Volume I & Volume II*, Office of Radiation and Indoor Air, EPA-402-R-99-004A&B.
- U.S. EPA 2000a. *Remediation Goals for Radioactively Contaminated CERCLA Sites Using the Benchmark Dose Cleanup Criteria in 10 CFR Part 40 Appendix A, I, Criterion 6(6)*. Office of Emergency and Remedial Response, Washington, DC. OSWER Directive 9200.4-35P
- U.S. EPA. 2000b. *Soil Screening Guidance: Technical Background Document*. Office of Emergency and

Remedial Response, Washington, DC. OSWER
Directive 9355.4-16. EPA/540-R-00-006, NTIS
PB2000 963306.

Van Wijnen, J.H., P. Clausing, and B. Brunekreef.
1990. Estimated soil ingestion by children.
Environ Research 51:147-162.